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Advances in 2D Materials Applied for Supercapacitors and Photocatalysis

Guest Editor:

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Message from the Guest Editor

We invite you to contribute to this Special Issue of *Materials* entitled "Advances in 2D Materials Applied for Supercapacitor and Photocatalysis". Two-dimensional (2D) materials with unique thickness that are dependent on physical and chemical properties, high carrier mobility and good flexibility, have attracted increasing attention as potential photocatalysts and electrodes applied in hydrogen production, pollutant degradation, sterilization, reduction in carbon dioxide and supercapacitors, etc. Numerous kinds of 2D materials have been developed and systematically studied as photocatalysts and electrodes.

The Special Issue focuses on advances in materials synthesis and processing, characterization, devices and applications in supercapacitors, photocatalysis and other interrelated fields. We hope the Special Issue will show the huge potential of 2D materials in energy and the environment, and publish more exciting work on supercapacitors and photocatalysis based on 2D materials.

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Message from the Editor-in-Chief

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